M. A. R. 57 (Rule 116) No. E 487502

Measurement Book

Serial No. 2nd & Final bill

Name of work Construction of concrete From retaining wall To and other Civil work to Mallasandra colony school in ward No. 13 Shettihalli sub division.

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Estimate cost – Rs 95.00 lakhs						
	work order. – BBMP/EE/DD/WO/533/2019-20 dated 30-01-2020						
	Name of Agency – The Technical manager KRIDL.						
	Job Code – 012-20-0000068						
	A.S. – EE/DD/AS/197/2019-20					Dated-20/01/2020	
	T.S – SE/DD/TS/06/2019-20					Dated-27/01/2020.	

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Sl No	Description of work.						
1)	Easth work Excavating in ordinary soil for leveling and lowering the ground manually (other than foundation of bath						
2)	providing and laying in position pcc in cement concrete 1:3:6 with OPC cement @ 220 kgs with 40 mm and down size good grad						
3)	providing and constructing granite trap/ balast size stone masonry in foundation with cement mortal 1:6 stone Hammer dressed in course not less than 20 cms.						
4)	providing and constructing granite trap balast size Stone masonry in basement with cement mortal 1:6						
5)	providing neat pointing to coursed stone masonry in basement with cent mortar 1:6						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 487503

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Unit	~~previous~~ Qty.	~~Rate~~ of work	~~Amount~~	~~previous~~ measurement Dimensions Number	Length	Breadth	Depth	up to date Qty	Contents	Reference ~~Amount~~ Measurement
1		2		3	4	5	6	7		8
cum	1537.87	268.92	4,13,564.00		24.53	65,96.61		1562.40		4,20,160.61
cum	32.13	5698.60	1,83,096.07		40.08	2,28,399.89		72.21		4,11,495.91
cum	0.00	4992.02 ~~0.00~~	0.00		0.41	2,046.73		0.41		2046.73
cum.	0.00	5483.00	0.00		0.18	986.94		0.18		986.94
sqm	0.00	151.20	0.00		0.00	0.00		0.00		0.00.

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Sl No	Description of work						
6)	providing and laying in position reinforced cement concrete in design mix M25 with opc cement @ 340 kg						
7)	providing and removing centering and shuttering propping etc and removal of form work for vertical surfaces						
8)	providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending working @ 60 kg/100						
9)	providing weep holes in brick masonry/part/Rubble concrete abutment, wing wall/ retaining wall with 100 mm						
10)	providing and laying filter media with granular material/stone crushed aggregates satisfying the requ						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 487504

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Previous measurement			Deductions measurement			Up-to-date	
	Full description, etc, of work							Reference to last Measurement
	Unit	Qty	Rate	Number	Length	Breadth / Depth	Contents Qty	Amount
1	2			3	4	5 / 6	7	8
	Cum	368.01	6,414.62	2360,644.31	7.42	47,596.18	375.43	24,08,240.79
	Sq M	657.00	386.64	2,54,032.48	21.60	8,351.42	678.60	2,62,373.90,
	MT	24.76	76643.28	18,97,684.61	0.62	47,598.83	25.38	19,45,206.45
	mt/mts	0.00	158.76	0.00	12.00	1905.12	12.00	1905.12
	Cum	105.84	2258.28	2,39,016.36	0.00	0.00	105.84	2,39,016.36

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
SL NO	Description of Works						
11)	Providing and construction load bearing wall with solid blocks of size 400X150X200 mm having block dust						
12)	providing 18 mm thick, cement plastering in single coat with cement mortar 1:6 to brick masonry including curing						
13	Fabricating supplying and erecting M.S Angeclamp tours for all spans as per approved designs and Drawing						
14)	providing trapezoidal profile sheet providing and Installing of pre painted Galvanised from trapezoidal profile sheet						
15)	cement concrete pavement construction of M30 reinforced pain cement concrete pavement thickness as per design						

M. A. R. 57 (Rule 116) No. E 487505

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Previous Measurement			Deductions / Measurement			Upto date	
	Qty	Full description, etc, of work	Amount	Number	Length	Breadth Depth	Contents Qty	Reference to last Measurement Amount
Unit								
1		2	3	4	5	6	7	8
Sqm	0.00	1000.69	0.00	2.40	2401.66		2.40	2401.66
Sqm	0.00	264.65	0.00	4.80	1270.32		4.80	1270.32
Kg	0.00	138.24	0.00	11265.52	15,57,305.48		11265.52	15,57,305.48
Sqm	0.00	743.04	0.00	767.80	5,70,506.11		767.80	5,70,506.11
Cum	0.00	5354.02	0.00	55.76	2,98,540.16		55.76	2,98,540.16

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Sl No	Description of Work.						
16)	providing and finishing external walls in two coats with cooker proof cement paint of approved brand and shade after throughly brooming the surface to remove all dirt						
17)	providing and applying enamel metal paint two coats (excluding primer coat) over new steel or other metal surface						
	Certificate:						
	Certified that the contractor has work done satisfactorily Certified that the contractor has removed the debarris from site. certified that there is no departmental issues made by contractor.						

M. A. R. 57 (Rule 116) No. E
Measurement Book
487506

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

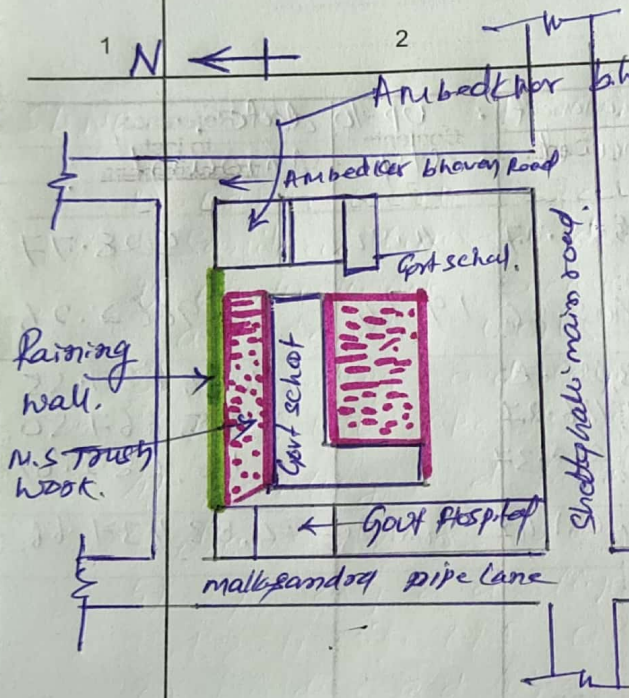
Date	Previous measurement			Present measurement			Up to date		Reference to last Measurement
	Qty	Rate	Amount	Length	Breadth	Depth	Contents Qty		Amount
1		2	3	4	5	6	7		8
Sqm	0.00	110.16	0.00	4.80	528.77		4.80		528.77
Sqm	0.00	102.60	0.00	191.64	19662.26		191.64		19662.26
	Add KRIDL 4%.		534830.00		27,93,656.37				81,41,687.55
	Add GST 12%.		21392.00		1,11,746.27				3,25,667.50
			641763.00		3,48,648.37				10,16,082.61
	Total Rs		6,20,37,14.00		Total Rs= 32,54,051.42		Total Rs=		94,83,437.66

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಪೂರ್ವ ಉಪವಿಭಾಗ, ಗಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



■ - Retaining wall.
■ - M.S. Truss work.

ಸಹಾಯಕ ಇಂಜಿನಿಯರು
ಕಛೇರಿ
ಬೃಹತ್
ಬೆಸ್ಕಾಂ.

ಸಲಯ
ಶಾಲಕೆ
ಚಿಕ್ಕಬಳ್ಳಾಪುರ

Scanned by CamScanner